



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
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Title of Invention		Title IN SITU THERMAL PROCESSING OF A COAL FORMATION TO CONVERT A SELECTED TOTAL ORGANIC CARBON CONTENT INTO HYDROCARBON PRODUCTS					
Application Number:		09/841194					
Confirmation Number:		4736					
First Named Applicant:		Harold Vinegar					
Attorney Docket Number:		5659-06100					
Art Unit:		3672					
Examiner:		George A Suchfield					
Search string:		(1646599 or 3952802 or 4010800 or 3892270 or 3986556 or 4031956 or 4140180 or 4412585 or 4501326 or 4524827 or 4585066 or 4776638 or 4856587 or 5517593 or 5099918 or 5751895 or 6015015 or 6112808 or 3026940 or 3947683 or 3285335 or 3456721 or 2857002).pn.					
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
169	1	1646599	1927-10-25	Schaefer			
1	2	3952802	1976-04-27	Terry			
	3	4010800	1977-03-08	Terry			
	4	3892270	1975-07-01	Lindquist			
	5	3986556	1976-10-19	Haynes			
	6	4031956	1977-06-28	Terry			
	7	4140180	1979-02-20	Bridges et al.			
	8	4412585	1983-11-01	Bouck			
	9	4501326	1985-02-26	Edmunds			
	10	4524827	1985-06-25	Bridges et al.			
	11	4585066	1986-04-29	Moore et al.			
169	12	4776638	1988-10-11	Hahn			

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69	13	4856587	1989-08-15	Nielson
	14	5517593	1996-05-14	Nenniger et al.
	15	5099918	1992-03-31	Bridges et al.
	16	5751895	1998-05-12	Bridges
	17	6015015	2000-01-18	Luft et al.
	18	6112808	2000-09-05	Isted
	19	3026940	1962-03-27	Spitz
	20	3947683	1976-03-30	Schultz et al.
	21	3285335	1966-11-15	Reistle
	22	3456721	1969-07-22	Smith
69	23	2857002	1958-10-21	Pevere et al.

Remarks

Note: Remarks are not for responding to an office action.

This IDS is part of a request for continued examination.

Signature

Examiner Name	Date
George Suchfield	12/1/03

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5659-06100

SERIAL NO. 09/841,194

APPLICANT: Vinegar et al.

GROUP: 3672

FILING DATE: April 24, 2001

FOREIGN PATENT DOCUMENTS *(Patent page 1/25)*

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
GS	T01	1836876	12/30/1994	SU			
GS	AA2	✓ 294 809	12/14/1988	EP			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GS	T02	Burnham, Alan, K. "Oil Shale Retorting Dependence of timing and composition on temperature and heating rate", January 27, 1995, (23 pages).
	T03	Burnham et al. "A Possible Mechanism of Alkene/Alkane Production in Oil Shale Retorting, (7 pages).
	T04	Campbell, et al., "Kinetics of oil generation from Colorado Oil Shale" IPC Business Press, Fuel, 1978, (3 pages).
	T05	Cummins et al. 'Thermal Degradation of Green River Kerogen at 150° to 350 °C", Report of Investigations 7620, U.S. Government Printing Office, 1972, (pages 1-15).
	T06	Cook, et al. 'The Composition of Green River Shale Oils", United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-23).
	T07	Hill et al., 'The Characteristics of a Low Temperature in situ Shale Oil" American Institute of Mining, Metallurgical & Petroleum Engineers, 1967 (pages 75-90)..
	T08	Dinneen, et al. "Developments in Technology for Green River Oil Shale" United Nations Symposium on the Development and Utilization of Oil Shale Resources, Tallinn, 1968, (pages 1-20).
	T09	De Rouffignac, E. "In Situ Resistive Heating of Oil Shale for Oil Production-A Summary of the Swedish Data, (4 pages).
	T10	Dougan, et al. "The Potential for in situ Retorting of Oil Shale in the Piceance Creek Basin of Northwestern Colorado", Quarterly of the Colorado School of Mines (pages 57-72).
	T11	Hill et al. 'Direct Production of Low Pour Point High Gravity Shale Oil" I&EC Product Research and Development, 1967, Volume 6, (pages 52-59).
GS	T12	Yen et al., "Oil Shale" Developments in Petroleum Science, 5, Elsevier Scientific Publishing Co., 1976 (pages 187-198).

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OFFICE OF PETITIONS

EXAMINER:

George Suchfield

DATE CONSIDERED:

12/1/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.



Electronic Information Disclosure Statement

IN SITU THERMAL PROCESSING OF A COAL FORMATION TO CONVERT A SELECTED TOTAL ORGANIC CARBON CONTENT INTO HYDROCARBON PRODUCTS

Application: 
09/841194

Confirmation: 4736

Applicant(s): Harold Vinegar

Docket
Number: 5659-06100

Group Art
Unit:

Examiner: Suchfield, G.

search string: (4193451 or 4265307 or 4390067 or 4456065 or 4457374 or 4479541 or 4498535 or 4598770
or 4669542 or 4682652 or 4982786 or 5201219 or 5339904 or 3349845 or 5126037 or 3477058
or 3580987).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

Init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
GS	P08	4193451	1980-03-18		Dauphine		

67	P09	4265307	1981-05-05		Elkins
	P10	4390067	1983-06-28		Wilman
	P11	4456065	1984-06-26		Heim et al.
	P12	4457374	1984-07-03		Hoekstra et al.
	P13	4479541	1984-10-30		Wang
	P14	4498535	1985-02-12		Bridges
	P15	4598770	1986-07-08		Shu et al.
	P16	4669542	1987-06-02		Venkatesan
	P17	4682652	1987-07-28		Huang et al.
	P18	4982786	1991-01-08		Jennings, Jr.
	P19	5201219	1993-04-13		Bandurski et al.
	P20	5339904	1994-08-23		Jennings, Jr.
	P25	3349845	1967-10-31		Holbert et al.
	P26	5126037	1992-06-30		Showalter
	P27	3477058	1968-11-04		Vedder et al.
67	P28	3580987	1971-05-25		Priaroggia

Signature

Examiner Name	Date
George Suchfield	12/11/03